

FIG. 1

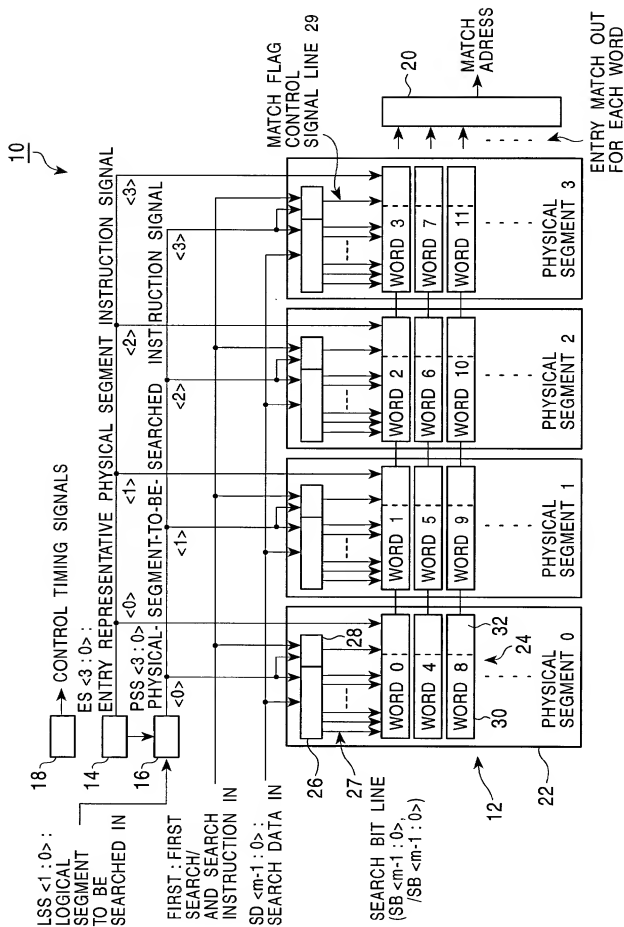


FIG. 2A

	LOGICAL SEGMENT 0	
ENTRY 0	WORD 0(PS0)	
ENTRY 1	WORD 1(PS1)	PS0 = PHYSICAL SEGMENT 0
ENTRY 2	WORD 2(PS2)	PS1 = PHYSICAL SEGMENT 1
ENTRY 3	WORD 3(PS3)	PS2 = PHYSICAL SEGMENT 2
		PS3 = PHYSICAL SEGMENT 3
⋮	⋮	

FIG. 2B

	LOGICAL SEGMENT 0	LOGICAL SEGMENT 1
ENTRY 0	WORD 0(PS0)	WORD 1(PS1)
ENTRY 1	WORD 2(PS2)	WORD 3(PS3)
ENTRY 2	WORD 4(PS0)	WORD 5(PS1)
ENTRY 3	WORD 6(PS2)	WORD 7(PS3)
⋮	⋮	⋮

FIG. 2C

	LOGICAL SEGMENT 0	LOGICAL SEGMENT 1	LOGICAL SEGMENT 2	LOGICAL SEGMENT 3
ENTRY 0	WORD 0(PS0)	WORD 1(PS1)	WORD 2(PS2)	WORD 3(PS3)
ENTRY 1	WORD 4(PS0)	WORD 5(PS1)	WORD 6(PS2)	WORD 7(PS3)
ENTRY 2	WORD 8(PS0)	WORD 9(PS1)	WORD 10(PS2)	WORD 11(PS3)
ENTRY 3	WORD 12(PS0)	WORD 13(PS1)	WORD 14(PS2)	WORD 15(PS3)
⋮	⋮	⋮	⋮	⋮

FIG. 3

ENTRY CONFIGURATION	ES <3 : 0>	DESCRIPTION
1 WORD	1111	PHYSICAL SEGMENT 0 TO 3 ARE ENTRY REPRESENTATIVE SEGMENTS
2 WORDS	1010	PHYSICAL SEGMENT 3 AND 1 ARE ENTRY REPRESENTATIVE SEGMENTS
4 WORDS	1000	PHYSICAL SEGMENT 3 IS AN ENTRY REPRESENTATIVE SEGMENT

FIG. 4

ENTRY CONFIGURATION	LSS <1:0>	DESCRIPTION	PSS <3:0>	DESCRIPTION
1 WORD	0 0	LOGICAL SEGMENT 0	1111	PHYSICAL SEGMENT 0 TO 3 ARE SEARCHED
2 WORDS	0 0	LOGICAL SEGMENT 0	0101	PHYSICAL SEGMENT 0 AND 2 ARE SEARCHED
	0 1	LOGICAL SEGMENT 1	1010	PHYSICAL SEGMENT 1 AND 3 ARE SEARCHED
4 WORDS	0 0	LOGICAL SEGMENT 0	0001	PHYSICAL SEGMENT 0 IS SEARCHED
	0 1	LOGICAL SEGMENT 1	0010	PHYSICAL SEGMENT 1 IS SEARCHED
	1 0	LOGICAL SEGMENT 2	0100	PHYSICAL SEGMENT 2 IS SEARCHED
	1 1	LOGICAL SEGMENT 3	1000	PHYSICAL SEGMENT 3 IS SEARCHED

FIG. 5

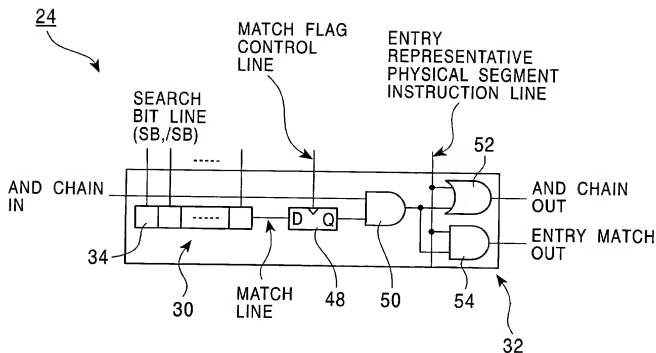


FIG. 6

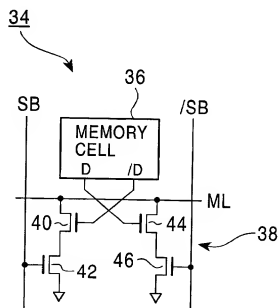


FIG. 7

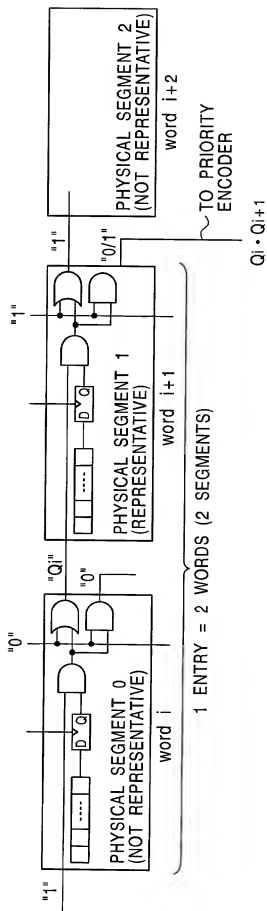


FIG. 8  
PRIOR ART

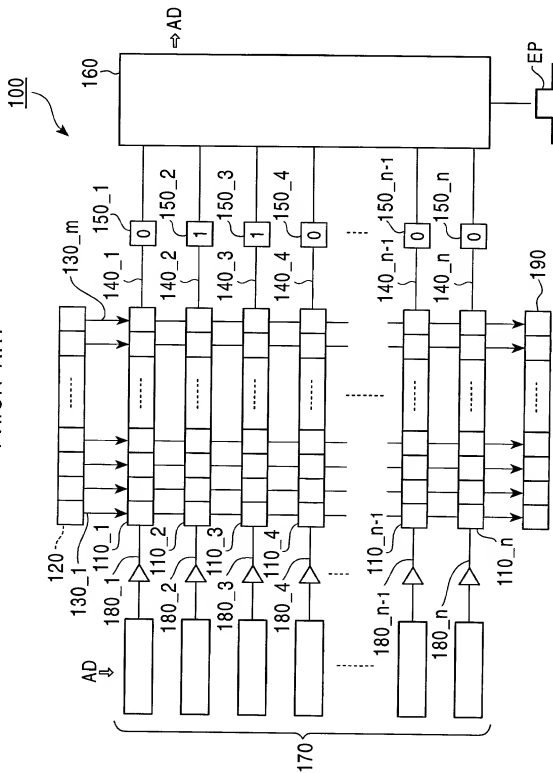


FIG. 9  
PRIOR ART

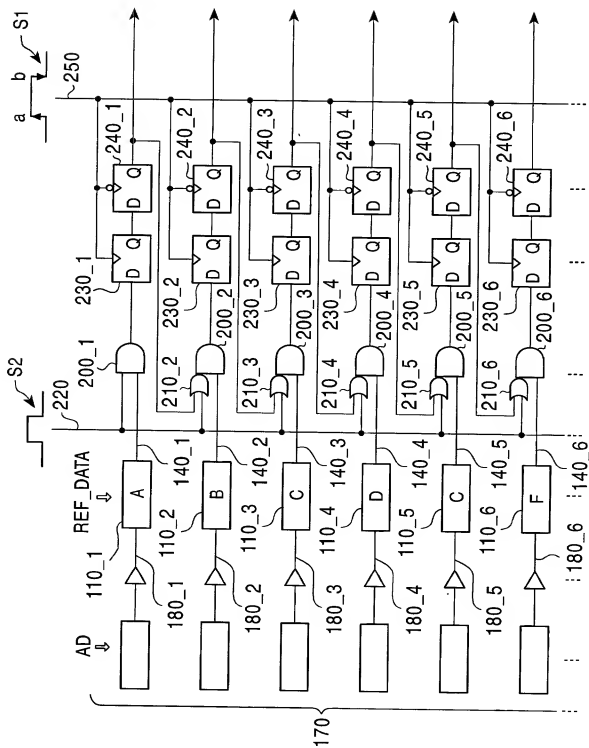




FIG. 10

GROUP NO. \ ATTRIBUTE	I	II	III	IV
1	A	B	C	D
2	C	F	G	H
3	J	K	L	M
4	C	A	B	D
⋮	⋮	⋮	⋮	⋮